It is to be understood that both the foregoing general description and the following detailed description are exemplary and explanatory and are intended to provide further explanation of the invention as claimed.

BRIEF DESCRIPTION OF THE DRAWINGS

The accompanying drawings, which are included to provide a further understanding of the invention and are incorporated in and constitute a part of this specification, illustrate embodiments of the invention and together with the description serve to explain the principles of the invention:

In the drawings:

FIG. 1 illustrates a related art field emission display, schematically;

FIGS. 2A ~ 2F illustrate sections showing the steps of a process for fabricating a cathode array of a field emission display in accordance with a first preferred embodiment of the present invention;

FIGS. 3A ~ 3B illustrate sections of cathodes of a field emission display of the present invention; and,

FIGS. 4A ~ 4E illustrate sections showing the steps of a process for fabricating a cathode array of a field emission display in accordance with a second preferred embodiment of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

The present invention relates to a field emission display including a cathode array each with a cathode electrode 12 on a substrate 11, an insulating layer 13, a gate electrode 14, and a carbon nanotube film 16 as an emitter, and a method for fabricating the same. Reference will now be made in detail to the preferred embodiments of the present invention, examples of which are